

Problem Statement-1

```
package arrays;
class rotate{
    public void arotate(int[] nums,int k) {
        if(k>nums.length) {
            k=k%nums.length;
        }
        int [] r = new int[nums.length];
        for(int i=0;i<k;i++) {
            r[i]=nums[nums.length-k+i];
        }
        int j=0;
        for(int i=k;i<nums.length;i++) {
            r[i]=nums[j];
            j++;
        }
        System.arraycopy(r,0,nums,0,nums.length);
    }
}

public class Arrayrotation {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        rotate r = new rotate();
        int[] ar= {10,20,30,40,50,60};
        r.arotate(ar, 5);
        for(int i=0;i<ar.length;i++) {
            System.out.println(ar[i]+" ");
        }
    }
}
```

```
Arrayrotation.java × Orderstatics.java Circularll.java Doublell.java Matrix.java Queue.j
1 package arrays;
2
3
4 class rotate{
5     public void arotate(int[] nums, int k) {
6         if(k > nums.length) {
7             k = k % nums.length;
8         }
9         int [] r = new int[nums.length];
10        for(int i=0; i<k; i++) {
11            r[i] = nums[nums.length - k + i];
12        }
13        int j=0;
14        for(int i=k; i<nums.length; i++) {
15            r[i] = nums[j];
16            j++;
17        }
18        System.arraycopy(r, 0, nums, 0, nums.length);
19    }
20 }
21 public class Arrayrotation {
22
23     public static void main(String[] args) {
24         // TODO Auto-generated method stub
25         rotate r = new rotate();
26         int[] ar = {10, 20, 30, 40, 50, 60};
27         r.arotate(ar, 5);
28     }
29 }

```

Problems @ Javadoc Declaration Console ×

<terminated> Arrayrotation [Java Application] C:\Users\Swaroop\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.fu

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